

INFORMATION PAPER

SUBJECT: Transportability Non-Problem Item (NPI)

1. Purpose: To clarify what qualifies an item as a transportability problem item.
2. Facts: By educating the agencies within the Acquisition community, the number of incoming NPI memorandums should subsequently decrease.

According to Message, MTMCTEA, 1 Nov 94, subject: Change to Transportability Problem Item Definition, a transportability problem item is an item that meets any of the following conditions:

1. The item is wheeled or tracked
2. The item overloads a designated transport medium.
3. The item requires special handling or specialized loading procedures.
4. The item has inadequate ramp clearance for ramp inclines of 15°.
5. Exceeds any of the following conditions:
 - (a) Length – 20 feet (6.100 m), based on the size of a standard 20-foot ISO container
 - (b) Width – 8 feet (2.438 m) , based on the size of a standard 20-foot ISO container
 - (c) Height – 8 feet (2.438 m) , based on the size of a standard 20-foot ISO container
 - (d) Weight – 10,000 pounds (4535 kg), based on the payload of the 5-ton truck
 - (e) Weight per linear foot – 1,600 pounds (726 kg), based on air transport limits given by MIL-STD-1791
 - (f) Floor contact pressure – 50 psi (344.75 kpa), based on air transport limits given by MIL-STD-1791
 - (g) Maximum axle load (pneumatic tires) – 5,000 pounds (2268 kg), based on air transport limits given by MIL-STD-1791
 - (h) Maximum wheel load (pneumatic tires) – 2,500 pounds (1134 kg), based on air transport limits given by MIL-STD-1791
 - (i) Tire pressure – 90 psi (620.55 kpa), based on air transport limits given by MIL-STD-1791

As a general rule, if the item is the size of a standard 20-foot ISO container or smaller, weighs less than 10,000 pounds, and is not wheeled or tracked, it is not considered to be a transportability problem item. Transportability approval is not required nor is further coordination with MTMCTEA for items that are not transportability problem items.